WHAT IS CLAIMED IS:

1.      A data transcribing program for transcribing data from data structure of a structured document to data structure of a program language, including codes for executing the steps of:

acquiring definition information on document structure of said structured document, definition information on a structure of said program language, and correspondence information between said document structure of said structured document and said structure of said program language,

creating, based on said acquired information, a flag structure for storing state of said structure of said program language, and a structure of said program language corresponding to said flag structure, and

using said created flag structure and said created structure of said program language corresponding to said flag structure, thereby transcribing said data from said data structure of said structured document to said data structure of said program language.

2.      A data transcribing program for transcribing data from data structure of a program language to data structure of a structured document, including codes for executing the steps of:

acquiring definition information on document structure of said structured document, definition information on a structure of said program language,

and correspondence information between said document structure of said structured document and said structure of said program language,

creating, based on said acquired information, a flag structure for storing state of said structure of said program language, and a structure of said program language corresponding to said flag structure, and

using said created flag structure and said created structure of said program language corresponding to said flag structure, thereby transcribing said data from said data structure of said program language to said data structure of said structured document.

3.      The data transcribing program as claimed in Claim 1, wherein said flag structure includes presence or absence of said data, number of occurrences of said data, type of said data, and length of said data, said data being included in said structure of said program language.

4.      A program for converting data structure in an inter-enterprise system, wherein data structure of a structured document used in common among said enterprises is determined in advance, including codes for executing the steps of:

acquiring definition information on said data structure of said structured document used among said enterprises, definition information on a structure of a program language used inside each enterprise, and

correspondence information between said data structure of said structured document used among said enterprises and said structure of said program language used inside said each enterprise,

creating, based on said acquired information, a flag structure for storing state of said structure of said program language, and a structure of said program language corresponding to said flag structure, and

using said created flag structure and said created structure of said program language corresponding to said flag structure.

5.      A data transcribing method of transcribing data from data structure of a structured document to data structure of a program language, said data transcribing method being used by a computer, comprising the steps of:

acquiring definition information on document structure of said structured document, definition information on a structure of said program language, and correspondence information between said document structure of said structured document and said structure of said program language,

creating, based on said acquired information, a flag structure for storing state of said structure of said program language, and a structure of said program language corresponding to said flag structure, and

using said created flag structure and said created structure of said program language

corresponding to said flag structure, thereby
transcribing said data from said data structure of said
structured document to said data structure of said
program language.